

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.-15. (Cancelled)

16.-19. (Cancelled)

20.-21. (Cancelled)

22.-26. (Cancelled)

27. (Cancelled)

28.-33. (Cancelled)

34. (Currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

(a) SEQ ID NO:1;

(b) a complement of SEQ ID NO:1;

~~(c) a nucleotide sequence comprising 289 or more contiguous nucleotides of SEQ ID NO:1;~~

~~(d) a complement of (c);~~

(c) a nucleotide sequence comprising 500 or more contiguous nucleotides of SEQ ID NO:1; and

(d) a complement of (c).

35. (Previously added) The isolated nucleic acid molecule according to claim 34, said nucleic acid being DNA.

36. (Previously added) The isolated nucleic acid molecule according to claim 34, said nucleic acid being RNA.

37. (Previously amended) An expression vector comprising the nucleic acid molecule of claim 34.
38. (Previously amended) A host cell comprising the vector of claim 37.
39. (Previously added) The host cell according to claim 38 which is a eukaryotic cell.
40. (Previously added) The host cell according to claim 38 which is a human cell.
41. (Previously added) The host cell according to claim 38 which is a prokaryotic cell.
42. (Currently amended) Isolated DNA or RNA comprising ~~289~~ 500 or more contiguous nucleotides of:
- (a) SEQ ID NO:1; or
 - (b) a complement of SEQ ID NO:1.
- 43.-45. (Cancelled)
46. (Previously amended) An expression vector comprising the DNA or RNA of claim 42.
47. (Cancelled)
48. (Previously amended) A host cell comprising the vector of claim 46.
49. (Cancelled)
50. (Previously added) The host cell according to claim 48 selected from the group consisting of a eukaryotic cell, a human cell and a prokaryotic cell.
51. (Cancelled)

52. (Currently amended) An isolated polynucleotide comprising a nucleotide sequence selected from the group consisting of:

- (a) SEQ ID NO:46, SEQ ID NO:47, SEQ ID NO:48, and SEQ ID NO:49;
- (b) a complement of (a);
- (c) a nucleotide sequence comprising at least 25 contiguous nucleotides of any one of ~~SEQ ID NO:48~~, SEQ ID NO:50, and SEQ ID NO:51; and
- (d) a complement of (c).

53. (Currently amended) An isolated nucleic acid molecule which comprises 40 or more contiguous nucleotides of SEQ ID NO:1 and includes at least one single nucleotide polymorphism selected from the group consisting of:

- (a) an A at position ~~6684~~6674;
- (b) a G at position ~~6684~~6674;
- ~~(c) a C at position 6991;~~
- ~~(d)~~(c) a T at position ~~6991~~6976;
- ~~(e)~~(d) a C at position ~~3176~~3161; and
- ~~(f)~~(e) a T at position ~~3176~~3161.

54. (Currently amended) An isolated nucleic acid fragment of BAC RP11-0702C13 which comprises ~~289~~ 500 or more contiguous nucleotides of SEQ ID NO:1.

55. (Cancelled)

56. (Currently Amended) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- (a) SEQ ID NO:2;
- (b) a nucleotide sequence encoding amino acid sequence SEQ ID NO:3;
- (c) a complement of SEQ ID NO:2;

~~(d) — a nucleotide sequence comprising 289 or more contiguous nucleotides of~~
SEQ ID NO:2;

~~(e) — a complement of (d);~~

~~(f)~~ (d) a nucleotide sequence comprising 500 or more contiguous nucleotides of
SEQ ID NO:2;

~~(g)~~ (e) a complement of (f); and

~~(h)~~ (f) a nucleotide sequence which encodes 100 or more consecutive amino
acids of SEQ ID NO:3.

57. (Previously added) The isolated nucleic acid molecule according to claim 56, said
nucleic acid being DNA.

58. (Previously added) The isolated nucleic acid molecule according to claim 56, said
nucleic acid being RNA.

59. (Previously amended) An expression vector comprising the nucleic acid molecule of
claim 56.

60. (Previously amended) A host cell comprising the vector of claim 59.

61. (Previously added) The host cell containing the vector of claim 59.

62. (Previously added) The host cell according to claim 60 which is a human cell.

63. (Previously added) The host cell according to claim 60 which is a prokaryotic cell.

64. (Currently amended) Isolated DNA or RNA comprising ~~289~~ 500 or more contiguous
nucleotides of:

(a) SEQ ID NO:2; or

(b) a complement of SEQ ID NO:2.

65.-67. (Cancelled)

68. (Previously amended) An expression vector comprising the DNA or RNA of claim 64.

69. (Cancelled)

70. (Previously amended) A host cell comprising the vector of claim 68.

71. (Cancelled)

72. (Previously amended) The host cell according to claim 70 selected from the group consisting of a eukaryotic cell, a human cell and a prokaryotic cell.

73.-74. (Cancelled)